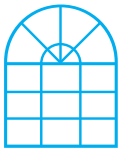




the TRINITY collection



Performance that lasts for *generations.*



JOYCE Promise

Since 1955, we have been committed to excellence through product innovation, state-of-the-art manufacturing facilities, and the lifetime warranties we stand behind. Founded on the principles of the company namesake, Joyce (co-founder's late wife), we continue providing you with quality products that are crafted to enhance your home and last for generations – just as our company has.



3 Generations Strong



Limited Lifetime Warranty



Building Quality Home Improvement Products Since 1955



99% of Waste is Recyclable



Dealer Network



WINDOWS



SUNROOMS



PATIO DOORS



Why Choose Premium Vinyl

All our window and door products are made with a proprietary vinyl formulation to ensure the optimum in product quality, performance, and durability. This formulation includes a special UV inhibitor that helps provide superior weather-resistance to keep the windows installed in your home beautiful year after year. Vinyl is virtually maintenance-free to provide you with years of ease. The frames and sashes easily clean with mild detergent and water. Vinyl's thermal and sound insulating properties enhance the energy efficiency of your home while taming outside noises.



Never paint or stain



Color retention



Recycle-ability



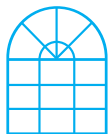
Strong and durable



Low/no maintenance



Affordable



Testing *and* Approval

All of our products have been third party tested, exceeding industry standards.





Features

More is Better

Engineered frames with multiple chambers for structural performance and improved efficient thermal barriers.

Tight You Say

Double-fin weather stripping at the interior & exterior barriers protect against air/water infiltration creating a tight seal.

Setting the Bar

Polyurethane foam filled frame (in two of four cavities) comes standard. For greater energy efficiency, upgrade to fill all frame cavities.

Don't Rollover

Standard with extruded aluminum half screen is 10x stronger than roll form.

No Weeping

Sloped sill design eliminates the need for weep holes that could get clogged.

Effortless Operation

Stainless steel clock-spring balance system lets you lift a 20 lb sash with a single finger.

Functionality Meets Performance & Design

Recessed latches for easy exterior cleaning. Color matched heavy duty zinc cam locks are pick resistant.

Better Materials

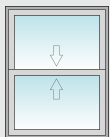
Our C-Core technology has structural performance grades that exceed 200 mph winds, 12% more thermal efficient than aluminum, and is completely recyclable.

Built for a Lifetime

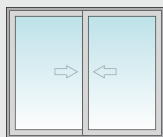
Our four point welding process creates one solid cohesive unit that withstands the harshest wind and structural loads.



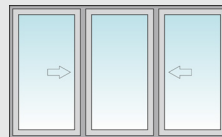
Styles:



Double Hung Window



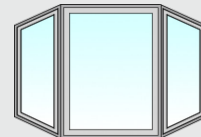
Slider Window



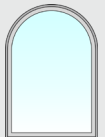
3-Lite Slider Window



Picture Window



Projection Window



Specialty Window





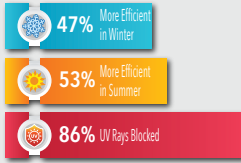
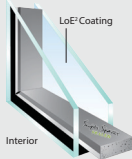
Glass Packages *and* Benefits



Utilizing our SmartShield technology, we've got you covered no matter what the climate you live in or the orientation of your window to the sun. Our LoE coated glass with Super Spacer™ and Argon gas is built to exceed Energy Star and global manufacturing standards for insulated glass.

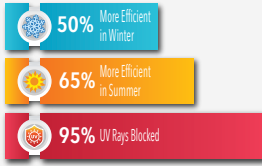
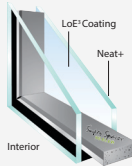
ALL AROUND PERFORMANCE†

J2



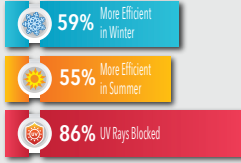
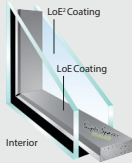
SOLAR ALL AROUND PERFORMANCE†

J3 with Neat+



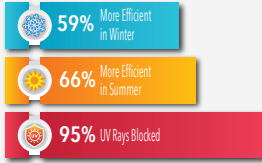
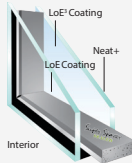
HIGH DUAL GLAZE PERFORMANCE†

J21



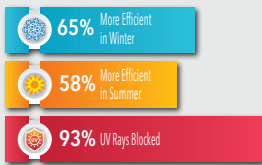
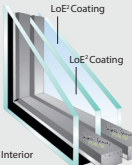
SOLAR HIGH DUAL GLAZE PERFORMANCE†

J31 with Neat+



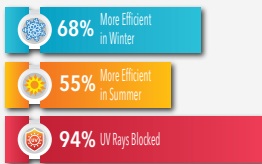
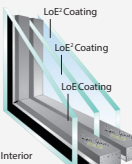
TRIPLE PERFORMANCE†

TJ22



HIGH TRIPLE PERFORMANCE†

TJ221



Cleaner. Greener.

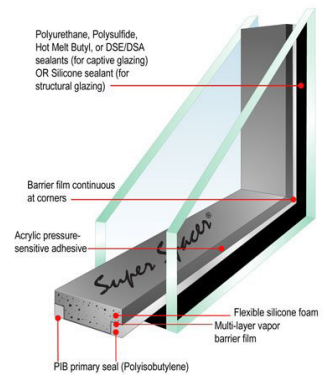
Neat+ uses next generation technology to breakdown greenhouse gases. That means less pollutants and dust before they can reach your window resulting in a window that stays naturally cleaner longer... and without the work!



Premium Enhanced Super Spacer®

Best in its class, our multilayer silicone memory foam spacer outperforms other spacer system on the market due to its all around performance and benefits:

- Better thermal performance
- Non-dissipating argon gas
- Sound absorption
- Less seal failures & stress cracks
- Mold prevention
- Lower amount of stress cracks
- Longest lasting insulated glass unit in the industry



The warmest edge among dual-seal systems.

up to +13.3°F/7.3°C

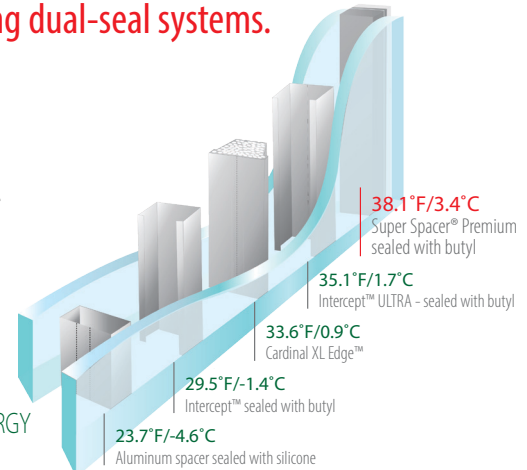
warmer temperature at the edge of the glass

Outside 0°F/-17.8°C ±2°F/-1.1°C

Inside 70°F/21.1°C ±2°F/-1.1°C

Super Spacer® SEALED

When it's COLD Outside, METAL SPACERS can DRAIN the ENERGY of Your High Performance Windows!



†Performance ratings are based on a comparison to a dual glaze with clear glass and Argon gas package.

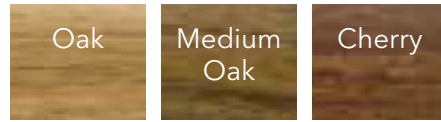


Options *and* Finishes

Interior/Exterior Colors



Interior Woodgrains



Color Matched Exterior Trim Coil

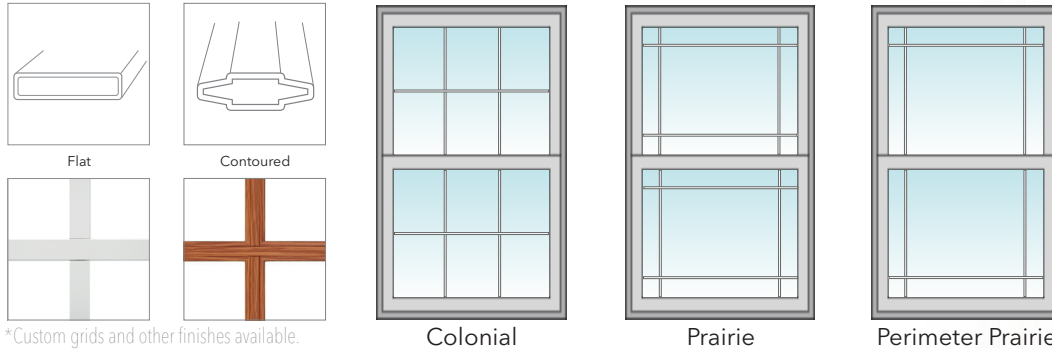


Prizm: Exterior Acrylic Coating



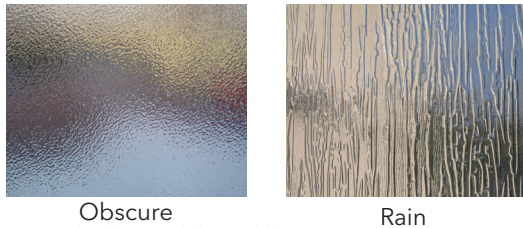
*The colors represented in this brochure are for illustrative purposes only and do not reflect the actual colors. Please refer to a certified Joyce color swatch ring for an accurate representation.

Grids



*Custom grids and other finishes available.

Specialty Glass Options

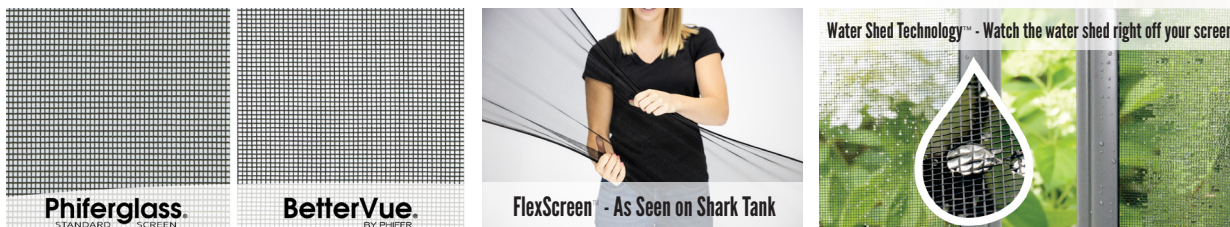


*Tempered and laminated glass available.

Tint Options



Screens



*Screens available in half or full window. All screens - including FlexScreen™ - include Water Shed Technology®.

*Not all options or finishes are represented. Please see your Joyce dealer for further details.





Windows - Patio Doors - Sunrooms
JoyceWindows.com



800-824-7988 • JoyceWindows.com

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Cardinal Glass: Values are calculated BTU Heat Loss and Gained using Cardinal Glass' Technical Glass Guide 3.0 (p. 12) according to NFRC environmental conditions. Double-pane IG dimensions: 1/2" airspace, 90% argon filled for LoE products. Coatings on #2 and #4. Triple-pane Ig construction: 1/2" airspace, 90% argon filled for LoE products. Coatings on #2, #4, and #6. NFRC conditions- 0°F outside, 70°F inside were used for all calculations. All airspaces were 9/16" with 100% argon filling. Super Spacer® and Duralite® are registered trademarks of Quanex Building Products. SuperSpacer: Simulations performed by WSP Canada Ltd. using Window 7.4 and Therm 7.4, according to NFRC 100-2014 and NFRC 200-2014. All models were 1200 x 1500 mm (approx. 48" x 60") and NFRC 2010 conditions - 0°F outside, 70°F inside - were used for all simulations. Low-e glass for double-pane IG was Cardinal Low-E² 270; low-e glass for triple-pane IG was Cardinal Low-E³ 366. All air spaces 0.500" wide, with 90% Argon fill. Doubles were modeled as IG units only and in Mikron 1400 series SSTDH; triples were modeled as IG only and in Mikron 10700 (EnergyQuest) series SSTDH. Secondary sealant materials and depths are as listed. Temperature values shown are from modeling results, and were measured at the sightline (SL) and at 0.5" above the sightline (SL+1/2"). thick Super Spacer®, Duralite® and Duraseal® are registered trademarks of Quanex Building Products. XL Edge™ and Neat+™ is a trademark of Cardinal Glass Industries. [QBP17M00614] Smartshield: Smartshield is the intellectual property of Joyce Manufacturing Company. Intercept and Intercept Ultra Citation: Intercept® and Intercept Ultra® is a registered trademark of Vitro® Architectural Glass. Flexscreen™ is a trademark of Reflex Brands. Phiferglass®, Bettervue®, and Water Shed Technology™ are registered trademarks of Phifer. DualTech™ is a trademark of Ashland Hardware Systems.